

CLAIMS

1. A sealing material, which comprises a curing product of a composition comprising (A) an acrylic polymer having at least one alkenyl group capable of undergoing hydrosilylation reaction, (B) a hydrosilyl group-containing compound and (C) a hydrosilylation catalyst as essential components.

2. A sealing material according to Claim 1, for use in sealing automobile engine cam covers.

3. A sealing material for cam covers according to Claim 2, where a liquid acrylic polymer having a number average molecular weight M_n of 500 or more and a molecular weight distribution (M_w/M_n) of 1.8 or less is used as component (A) of the composition.

4. A sealing material for cam covers according to Claim 2, where the curing product of the composition has a Duro A hardness of 45 or less.

5. A sealing material for cam covers according to Claim 2, for use in resin-made cam covers.

6. An automobile engine cam cover sealed by a sealing material for cam cover according to Claim 2.

7. A sealing material according to Claim 1, for use as a sealing material for automobile engine oil pans.

8. A sealing material for oil pans according to Claim 7, wherein a liquid acrylic polymer having a number average molecular weight M_n of 500 or more and a molecular weight distribution (M_w/M_n) of 1.8 or less is used as component (A) of the composition.

9. A sealing material for oil pans according to Claim 7, wherein the curing product of the composition has a Duro A hardness of 45 or less (according to JIS K6253).

10. Automobile engine oil pans sealed by a sealing material for oil pans according to Claim 7.

11. A sealing material according to Claim 1, for use in sealing a fuel cell cooling medium.

12. A sealing material for sealing a fuel cell cooling medium according to Claim 11, wherein an acrylic polymer having a number average molecular weight M_n of 500 or more and a molecular weight distribution (M_w/M_n) of 1.8 or less is used as component (A) of the composition.

13. A sealing material for a fuel cell cooling medium according to Claim 11, wherein the curing product of the composition has a Duro A hardness of 60 or less (according to JIS K6253).

14. A sealing material for a fuel cell cooling medium according to Claim 11, as molded to total seal height of 3mm or less.

15. A sealing material according to Claim 1, for use in automobile wire harnesses.

16. A sealing material for automobile wire harnesses according to Claim 15, wherein a liquid acrylic polymer having a number average molecular weight M_n or 500 or more and a molecular weight distribution (M_w/M_n) of 1.8 or less is used as component (A) of the composition.

17. A sealing material for automobile wire harnesses according to Claim 15, wherein the curing product of the composition has a Duro A hardness of 50 or less (according to JIS K6253).

18. A sealing material for automobile wire harnesses according to Claim 15 or 17, wherein not more than 100 parts by weight of a reinforcing agent or a filler is added to the composition on the basis of 100 parts by weight of sum total of components (A), (B) and (C).

19. Automobile wire harnesses sealed by a sealing material for wire

harnesses according to Claim 15.

20. An HDD cover gasket, which comprises a curing product of a composition comprising (A) an acrylic polymer having at least one alkenyl group capable of undergoing hydrosilylation reaction, (B) a hydrosilyl group-containing compound and (C) a hydrosilylation catalyst as essential components.

21. An HDD cover gasket according to Claim 20, wherein a liquid acrylic polymer having a number average molecular weight M_n of 500 or more and a molecular weight distribution (M_w/M_n) of 1.8 or less is used as component (A) of the composition.

22. An HDD cover gasket according to Claim 20, wherein the curing product of the composition has a Duro A hardness of 60 or less (according to JIS K6253).

23. An HDD cover gasket according to Claim 20, wherein the curing product of the composition has a compression set of 50% or less (120°C for 168 hours according to JIS K6262).

24. An HDD cover gasket according to Claim 20, for use in HDD for mounting on automobiles.

25. A sealing material according to Claim 1, for use as a vibration-insulating seal of HDD cover gasket.

26. A sealing material for vibration-insulating HDD cover gasket according to Claim 25, wherein a liquid acrylic polymer having a number average molecular weight M_n of 500 or more and a molecular weight distribution (M_w/M_n) of 1.8 or less is used as component (A) of the composition.

27. A sealing material for vibration-insulating HDD cover gasket according to Claim 25, wherein the curing product of the composition has a

Duro A hardness of 50 or less (according to JIS K6253).

28. A sealing material for vibration-insulating HDD cover gasket according to Claim 25, wherein the curing product of the composition has a compression set of 50% or less (120°C for 168 hours according to JIS K 6262).

29. A sealing material for vibration-insulating HDD cover gasket according to Claim 25, wherein the curing product of the composition has a loss tangent $\tan \delta$ of 0.5 or more at room temperature.

30. A sealing material for vibration-insulating HDD cover gasket according to Claim 25, wherein the gasket molded from the composition is integrated with an HDD casing cover.

31. A sealing material for vibration-insulating HDD cover gasket according to Claim 25 or 30, for use in HDD for mounting on automobiles.